

AMENDMENTS TO THE CLAIMS

B 1 1. (Amended) A method for the removal of cholesterol, triglycerides and other lipids from animal plasma, serum, or other suitable blood fraction containing apolipoproteins, as a discontinuous flow system, said method comprising connecting a subject to a device for withdrawing blood, withdrawing blood containing blood cells from the subject, separating said fraction from the blood cells and mixing with a solvent mixture which extracts said lipids from the fraction but which does not extract said apolipoproteins from the fraction, after which the delipidated fraction is recombined with the blood cells and returned to the subject, such that the solvent extraction step is carried out separately and remote from the subject while the subject is not still connected to the device for withdrawing blood [frown] from the subject, wherein the extraction solvent is removed from the delipidated fraction by mixing the delipidated fraction with an absorbent specific for the extraction solvent and wherein the absorbent does not remove said apolipoproteins from the [delipilidated] delipidated fraction being returned to the subject.

B 2 41. (Amended) A batch method for removing lipids from a volume of animal or human plasma, serum, or other suitable blood fraction comprising:

providing the volume of animal or human plasma, serum, or other suitable blood fraction;

admixing the plasma, serum, or other suitable blood fraction with an extraction solvent selected from hydrocarbons, ethers, alcohols, esters, amines, or mixtures thereof

which extracts the lipids from the plasma, serum, or other suitable blood fraction to form a delipidated fraction;

introducing an absorbent to the delipidated fraction to substantially remove the solvent from the plasma, serum, or other suitable blood fraction; and

separating the absorbent from the delipidated fraction to form a [apolipoprotein containing] delipidated fraction.